

#7



OIPE

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/055,259

DATE: 07/08/2002

TIME: 10:10:44

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\07082002\J055259.raw

3 <110> APPLICANT: Holst, Jens J.
4 Vilsboll, Tina
6 <120> TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION
AND THE
7 PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
9 <130> FILE REFERENCE: P03987US1
11 <140> CURRENT APPLICATION NUMBER: US 10/055,259
C--> 12 <141> CURRENT FILING DATE: 2002-06-21
14 <160> NUMBER OF SEQ ID NOS: 13
16 <170> SOFTWARE: PatentIn version 3.1
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 37
20 <212> TYPE: PRT
21 <213> ORGANISM: Homo sapiens
23 <400> SEQUENCE: 1
25 His Asp Glu Phe Glu Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val
26 1 5 10 15
29 Ser Ser Tyr Leu Glu Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu
30 20 25 30
33 Val Lys Gly Arg Gly
34 35
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 36
39 <212> TYPE: PRT
40 <213> ORGANISM: Homo sapiens
42 <400> SEQUENCE: 2
44 His Asp Glu Phe Glu Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val
45 1 5 10 15
48 Ser Ser Tyr Leu Glu Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu
49 20 25 30
52 Val Lys Gly Arg
53 35
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 31
58 <212> TYPE: PRT
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 3
63 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
64 1 5 10 15
67 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
68 20 25 30
71 <210> SEQ ID NO: 4
72 <211> LENGTH: 30
73 <212> TYPE: PRT

RECEIVED

JUL 24 2002

OFFICE OF PETITIONS

RAW SEQUENCE LISTING

DATE: 07/08/2002

PATENT APPLICATION: US/10/055,259

TIME: 10:10:44

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\07082002\J055259.raw

```

74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 4
78 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
79 1          5          10          15
82 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
83          20          25          30
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 29
88 <212> TYPE: PRT
89 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 5
93 Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
94 1          5          10          15
97 Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
98          20          25
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 28
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 6
108 Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln Ala
109 1          5          10          15
112 Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
113          20          25
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 39
118 <212> TYPE: PRT
119 <213> ORGANISM: Heloderma suspectum
121 <400> SEQUENCE: 7
123 His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
124 1          5          10          15
127 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
128          20          25          30
131 Ser Gly Ala Pro Pro Pro Ser
132          35
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 31
137 <212> TYPE: PRT
138 <213> ORGANISM: Heloderma suspectum
140 <400> SEQUENCE: 8
142 Asp Leu Ser Lys Gln Met Glu Glu Glu Ala Val Arg Leu Phe Ile Glu
143 1          5          10          15
146 Trp Leu Lys Asn Gly Gly Pro Ser Ser Gly Ala Pro Pro Pro Ser
147          20          25          30
150 <210> SEQ ID NO: 9
151 <211> LENGTH: 39
152 <212> TYPE: PRT
153 <213> ORGANISM: Heloderma suspectum
155 <400> SEQUENCE: 9

```

RAW SEQUENCE LISTING

DATE: 07/08/2002

PATENT APPLICATION: US/10/055,259

TIME: 10:10:44

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\07082002\J055259.raw

```

157 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
158 1          5          10          15
161 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
162          20          25          30
165 Ser Gly Ala Pro Pro Pro Ser
166          35
169 <210> SEQ ID NO: 10
170 <211> LENGTH: 38
171 <212> TYPE: PRT
172 <213> ORGANISM: Heloderma suspectum
174 <400> SEQUENCE: 10
176 His Ser Asp Ala Thr Phe Thr Ala Glu Tyr Ser Lys Leu Leu Ala Lys
177 1          5          10          15
180 Leu Ala Leu Gln Lys Tyr Leu Glu Ser Ile Leu Gly Ser Ser Thr Ser
181          20          25          30
184 Pro Arg Pro Pro Ser Ser
185          35
188 <210> SEQ ID NO: 11
189 <211> LENGTH: 37
190 <212> TYPE: PRT
191 <213> ORGANISM: Heloderma suspectum
193 <400> SEQUENCE: 11
195 His Ser Asp Ala Thr Phe Thr Ala Glu Tyr Ser Lys Leu Leu Ala Lys
196 1          5          10          15
199 Leu Ala Leu Gln Lys Tyr Leu Glu Ser Ile Leu Gly Ser Ser Thr Ser
200          20          25          30
203 Pro Arg Pro Pro Ser
204          35
207 <210> SEQ ID NO: 12
208 <211> LENGTH: 35
209 <212> TYPE: PRT
210 <213> ORGANISM: Heloderma suspectum
212 <400> SEQUENCE: 12
214 His Ser Asp Ala Ile Phe Thr Glu Glu Tyr Ser Lys Leu Leu Ala Lys
215 1          5          10          15
218 Leu Ala Leu Gln Lys Tyr Leu Ala Ser Ile Leu Gly Ser Arg Thr Ser
219          20          25          30
222 Pro Pro Pro
223          35
226 <210> SEQ ID NO: 13
227 <211> LENGTH: 35
228 <212> TYPE: PRT
229 <213> ORGANISM: Heloderma suspectum
231 <400> SEQUENCE: 13
233 His Ser Asp Ala Ile Phe Thr Gln Gln Tyr Ser Lys Leu Leu Ala Lys
234 1          5          10          15
237 Leu Ala Leu Gln Lys Tyr Leu Ala Ser Ile Leu Gly Ser Arg Thr Ser
238          20          25          30
241 Pro Pro Pro

```

RAW SEQUENCE LISTING

DATE: 07/08/2002

PATENT APPLICATION: US/10/055,259

TIME: 10:10:44

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\07082002\J055259.raw

242

35

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/055,259

DATE: 07/08/2002

TIME: 10:10:45

Input Set : A:\PTO.PG.txt

Output Set: N:\CRF3\07082002\J055259.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

RECEIVED
JUL 24 2002
OFFICE OF PETITIONS